

SEARCH REQUEST FORM

Scientific and Technical Information Center

Accession # 107597

Requester's Full Name: CHI & NGUYEN Examiner # 28004 Date: 11/4/03
 Art Unit: 3635 Phone Number 301-224 Serial Number: 0116 024
 Mail Box and Bldg/Room Location: PK 5, 6X06 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Composite System and Method for anchoring walls
 Inventors (please provide full names): James Gergely

Earliest Priority Filing Date: 7/26/01 (10/31/00 in PALM)

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

I'm looking for an anchor device made by
fiber composite material

52/293.2
 e02d-027?

52/6.98
 e04b-001?
 e04c-005?

428/171
 b32b-005?
 428/293.4
 b32b-017?
 " - 018?

STAFF USE ONLY

Searcher: Barbara Gargely
 Searcher Phone #: 306-5967
 Searcher Location: ETC 3600
 Date Searcher Picked Up: 11/4/03
 Date Completed: 11/4/03
 Searcher Prep & Review Time: _____
 Clerical Prep Time: _____
 Online Time: _____

Type of Search

NA Sequence (#) _____
 AA Sequence (#) _____
 Structure (#) _____
 Bibliographic _____
 Litigation _____
 Fulltext _____
 Patent Family _____
 Other _____

Vendors and cost where applicable

STN _____
 Dialog _____
 Questel/Orbit _____
 Dr. Link _____
 Lexis/Nexis _____
 Sequence Systems _____
 WWW/Internet _____
 Other (specify) _____

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?show files;ds

File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)
(c) 2003 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2003/Oct W04
(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20031030,UT=20031023
(c) 2003 WIPO/Univentio

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200370
(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

File 120:U.S. Copyrights 1978-2003/Nov
(c) format only 2003 The Dialog Corp.

File 426:LCMARC-Books 1968-2003/Nov W1
(c) format only 2003 Dialog Corporation

File 430:British Books in Print 2003/Oct W4
(c) 2003 J. Whitaker & Sons Ltd.

File 179:Architecture DB 1987-2003/Aug
(c) 2003 Royal Inst. of Brit. Architects

File 35:Dissertation Abs Online 1861-2003/Sep
(c) 2003 ProQuest Info&Learning

File 65:Inside Conferences 1993-2003/Nov W1
(c) 2003 BLDSC all rts. reserv.

File 8:Ei Compendex(R) 1970-2003/Oct W4
(c) 2003 Elsevier Eng. Info. Inc.

File 118:ICONDA-Intl Construction 1976-2003/Oct
(c) 2003 Fraunhofer-IRB

File 94:JICST-EPlus 1985-2003/Nov W1
(c)2003 Japan Science and Tech Corp(JST)

File 6:NTIS 1964-2003/Nov W1
(c) 2003 NTIS, Intl Cpyrghrt All Rights Res

File 144:Pascal 1973-2003/Oct W4
(c) 2003 INIST/CNRS

File 323:RAPRA Rubber & Plastics 1972-2003/Nov
(c) 2003 RAPRA Technology Ltd

File 34:SciSearch(R) Cited Ref Sci 1990-2003/Oct W4
(c) 2003 Inst for Sci Info

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Sep
(c) 2003 The HW Wilson Co.

File 399:CA SEARCH(R) 1967-2003/UD=13919
(c) 2003 American Chemical Society

File 111:TGG Natl.Newspaper Index(SM) 1979-2003/Oct 30
(c) 2003 The Gale Group

File 9:Business & Industry(R) Jul/1994-2003/Nov 03
(c) 2003 Resp. DB Svcs.

File 990:NewsRoom Current 2003/Nov 04
(c) 2003 The Dialog Corp.

File 47:Gale Group Magazine DB(TM) 1959-2003/Nov 03
(c) 2003 The Gale group

File 621:Gale Group New Prod.Annou.(R) 1985-2003/Nov 04
(c) 2003 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2003/Nov 03
(c) 2003 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2003/Nov 04
(c)2003 The Gale Group

File 624:McGraw-Hill Publications 1985-2003/Nov 04
(c) 2003 McGraw-Hill Co. Inc

File 369:New Scientist 1994-2003/Oct W4
(c) 2003 Reed Business Information Ltd.

File 483:Newspaper Abs Daily 1986-2003/Nov 03
(c) 2003 ProQuest Info&Learning

File 484:Periodical Abs Plustext 1986-2003/Oct W3
(c) 2003 ProQuest

File 141:Readers Guide 1983-2003/Sep
(c) 2003 The HW Wilson Co
File 646:Consumer Reports 1982-2003/Oct
(c) 2003 Consumer Union
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 95:TEME-Technology & Management 1989-2003/Oct W3
(c) 2003 FIZ TECHNIK

Set	Items	Description
S1	612	AU='GERGELY J':AU='GERGELY JM'
S2	274	AU='GERGELY, J':AU='GERGELY, J.ANOS'
S3	223	AU='GERGELY, JANOS':AU='GERGELY, JANOS, 1925-'
S4	1637	AU='YOUNG D'
S5	1	AU='YOUNG D DT'
S6	70	AU='YOUNG D T'
S7	93	AU='YOUNG DAVID'
S8	91	AU='YOUNG DAVID T'
S9	46	AU='YOUNG, D'
S10	469	AU='YOUNG, D.'
S11	92	AU='YOUNG, D. T':AU='YOUNG, D. V.'
S12	7	AU='YOUNG, D.T.'
S13	1303	AU='YOUNG, DAVID':AU='YOUNG, DAVID (ED.)'
S14	23	AU='YOUNG, DAVID T.':AU='YOUNG, DAVID TONAY'
S15	4928	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 - OR S11 OR S12 OR S13 OR S14
S16	157	S15 FROM 347,348,349,350,371
S17	14536869	ANCHOR??? OR STRENGTHEN??? OR REINFORC??? OR MOOR??? OR BR- ACE? ? OR BRACING OR SUPPORT??? OR STABILI???
S18	40	S16 AND S17
S19	198568	IC=(E02D-027? OR E04B-001? OR E04C-005? OR B32B-005?)
S20	4	S18 AND S19
S21	4	IDPAT (sorted in duplicate/non-duplicate order)
S22	2	IDPAT (primary/non-duplicate records only)
S23	4771	S15 NOT S16
S24	13945356	WALL? ? OR STRUCTURAL OR BASE()MEMBER? ? OR FOOTING? ? OR - FOUNDATION? ? OR ROOF? ? OR ROOVES OR SLAB OR SLABS OR BUILDING OR CONSTRUCTION OR ARCHITECTURAL OR FLOOR? ? OR UPRIGHT? ?
S25	1468353	S17(S)S24
S26	25	S23 AND S25
S27	18	S26 NOT PY>2000
S28	18	S27 NOT PD=20011101:20031231
S29	17	RD (unique items)
S30	19	S22 OR S29

30/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014633285 **Image available**
WPI Acc No: 2002-453989/200248
XRPX Acc No: N02-358064

Construction system for use in building has number of ***anchoring*** devices
consisting of fiber composite material and each having portions
respectively attached to structural member and base member

Patent Assignee: GERGELY J (GERG-I); YOUNG D T (YOUN-I)

Inventor: ***GERGELY J***; ***YOUNG D T***

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020056249	A1	20020516	US 2000244301	P	20001031	200248 B
			US 2001916004	A	20010726	

Priority Applications (No Type Date): US 2000244301 P 20001031; US
2001916004 A 20010726

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020056249	A1	12	E04B-001/38	Provisional application	US 2000244301

Construction system for use in building has number of ***anchoring*** devices
consisting of fiber composite material and each having portions
respectively attached to structural member...

Inventor: ***GERGELY J***...

...***YOUNG D T***

Abstract (Basic):

... The construction system includes number of ***anchoring*** devices
(22) consisting of a fiber composite material. Each ***anchoring*** device
is provided with a first portion (24) attached to the structural member
(10) of...

... For use in ***anchoring*** structural member e.g. wall of building
to base member e.g. footing, foundation...

...Ensures ***strengthening*** and ***reinforcing*** positive connection between
reinforced or unreinforced structural member and base member. Enables
utilization of a composite fiber ***anchor*** with sufficient strength to
transfer a predetermined load from structural member to base member of
...

...The figure shows the front elevation view of a wall ***anchored*** to a
footing or foundation using composite wall ***anchoring*** system...

...***Anchoring*** devices (22...

...***Anchoring*** device portions (24,26

...Title Terms: ***ANCHOR***;

International Patent Class (Main): ***E04B-001/38***

International Patent Class (Additional): ***E04C-005/00***

30/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012218505 **Image available**
WPI Acc No: 1999-024611/199902
XRPX Acc No: N99-018783

External shear reinforcement for T-structures - comprises cross-piece
external reinforcement having first layer of first fibre-reinforced

composite material including fibres oriented at angle of from about -15
degrees to -60 degrees to longitudinal axis of beam

Patent Assignee: UNIV UTAH (UTAH); XXSYS TECHNOLOGIES INC (XXSY-N)
Inventor: CERCONE L; GERGELY J; PANTELIDES C; POLICELLI F; REAVELEY L
Number of Countries: 081 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9853150	A1	19981126	WO 98US9898	A	19980521	199902 B
AU 9875732	A	19981211	AU 9875732	A	19980521	199917

Priority Applications (No Type Date): US 97859935 A 19970522

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9853150 A1 E 21 E02D-027/34

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9875732 A E02D-027/34 Based on patent WO 9853150

...International Patent Class (Additional): *E04B-001/98*

30/AA,AN,AZ,TI/1 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

014633285

WPI Acc No: 2002-453989/

Construction system for use in building has number of *anchoring* devices
consisting of fiber composite material and each having portions
respectively attached to structural member and base member

Local Applications (No Type Date): US 2000244301 P 20001031; US 2001916004
A 20010726

Priority Applications (No Type Date): US 2000244301 P 20001031; US
2001916004 A 20010726

30/AA,AN,AZ,TI/2 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

012218505

WPI Acc No: 1999-024611/

External shear reinforcement for T-structures - comprises cross-piece
external reinforcement having first layer of first fibre-reinforced
composite material including fibres oriented at angle of from about -15
degrees to -60 degrees to longitudinal axis of beam

Local Applications (No Type Date): WO 98US9898 A 19980521; AU 9875732 A
19980521

Priority Applications (No Type Date): US 97859935 A 19970522

30/AA,AN,AZ,TI/3 (Item 1 from file: 35)
DIALOG(R)File 35:(c) 2003 ProQuest Info&Learning. All rts. reserv.

01609938

A THEORY OF CORTICAL NEURAL PROCESSING (NEURAL NETWORKS)

30/AA,AN,AZ,TI/4 (Item 1 from file: 6)
DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts.
reserv.

1547302 NTIS Accession Number: N90-29805/0

Telerobotic Workstation Design Aid

30/AA,AN,AZ,TI/5 (Item 2 from file: 6)
DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts.
reserv.

1424624 NTIS Accession Number: DE89003125

805 MHz Disk and Washer Structure for the Fermilab Linac Upgrade

30/AA,AN,AZ,TI/6 (Item 1 from file: 144)
DIALOG(R)File 144:(c) 2003 INIST/CNRS. All rts. reserv.

13555218 PASCAL No.: 98-0256785

Postovulatory ageing of mouse oocytes in vivo and premature centromere
separation and aneuploidy

30/AA,AN,AZ,TI/7 (Item 2 from file: 144)
DIALOG(R)File 144:(c) 2003 INIST/CNRS. All rts. reserv.

09534437 PASCAL No.: 91-0324856

Thermal and hydrothermal stability of molecular sieve VPI-5 by in situ
X-ray powder diffraction

30/AA,AN,AZ,TI/8 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

09240555

Title: Proximity relationships between residue 6 of troponin I and residues in troponin C: Further evidence for extended conformation of troponin c in the troponin complex

30/AA,AN,AZ,TI/9 (Item 2 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

07421607

Title: Molecular switches in troponin

30/AA,AN,AZ,TI/10 (Item 3 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

05142470

Title: DIMETAL LINKED OPEN FRAMEWORKS - [(CH3)(4)N](2)(AG-2,CU-2)GE4S10

30/AA,AN,AZ,TI/11 (Item 4 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

04894897

Title: X-RAY STRUCTURE-ANALYSIS OF AN ENGINEERED FE-SUPEROXIDE DISMUTASE GLY-ALA MUTANT WITH SIGNIFICANTLY REDUCED STABILITY TO DENATURANT

30/AA,AN,AZ,TI/12 (Item 5 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

04892625

Title: THERMALLY STABLE SELF-ASSEMBLING OPEN-FRAMEWORKS - ISOSTRUCTURAL CS+ AND (CH3)4N(+) IRON GERMANIUM SULFIDES

30/AA,AN,AZ,TI/13 (Item 6 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

04342468

Title: PROPERTIES OF TROPONIN-C ACETYLATED AT LYSINE RESIDUES

30/AA,AN,AZ,TI/14 (Item 7 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

03835787

Title: X-RAY STRUCTURE-ANALYSIS OF THE IRON-DEPENDENT SUPEROXIDE-DISMUTASE FROM MYCOBACTERIUM-TUBERCULOSIS AT 2.0-ANGSTROMS RESOLUTION REVEALS NOVEL DIMER-DIMER INTERACTIONS

30/AA,AN,AZ,TI/15 (Item 8 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

01193904

Title: STABILIZATION BY A DISULFIDE BOND OF THE N-TERMINAL DOMAIN OF A MUTANT TROPONIN-C (TNC48/82)

30/AA,AN,AZ,TI/16 (Item 1 from file: 47)
DIALOG(R)File 47:(c) 2003 The Gale group. All rts. reserv.

04180410 SUPPLIER NUMBER: 16673088
Set a good impression right from the start. (facilities management)

30/AA,AN,AZ,TI/17 (Item 1 from file: 148)
DIALOG(R)File 148:(c)2003 The Gale Group. All rts. reserv.

11479616 SUPPLIER NUMBER: 57444966
Is critical realism the appropriate basis for Post Keynesianism?

30/AA,AN,AZ,TI/18 (Item 2 from file: 148)
DIALOG(R)File 148:(c)2003 The Gale Group. All rts. reserv.

11471025 SUPPLIER NUMBER: 57291176
Internal affairs.(using internal marketing to persuade employees to buy-in
to a company's goals)

30/AA,AN,AZ,TI/19 (Item 1 from file: 483)
DIALOG(R)File 483:(c) 2003 ProQuest Info&Learning. All rts. reserv.

05307117
Mall Firm Sets Sights on de Kalb with Construction on an Upswing
Nationally, a Privately Held Company Sees Area as a 'Hole in the Market.'
But Shopping for Financing Has Stalled Things.

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File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)

(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200370

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	2193239	WALL? ? OR STRUCTURAL OR BASE()MEMBER? ? OR FOOTING? ? OR - FOUNDATION? ? OR ROOF? ? OR ROOVES OR SLAB OR SLABS OR BUILDI- NG OR CONSTRUCTION OR ARCHITECTURAL OR FLOOR? ? OR UPRIGHT? ?
S2	2730562	ANCHOR??? OR STRENGTHEN??? OR REINFORC??? OR MOOR??? OR BR- ACE? ? OR BRACING OR SUPPORT??? OR STABILI???
S3	132517	(FIBER? ? OR FIBRE? ?)(3N)(COMPOSITE? ? OR POLYMER? ? OR G- LASS OR EPOXY OR CERAMIC? ? OR POLYMER? ? OR AMALGAM) OR FIB?- ?GLASS
S4	150938	S1(5N)S2
S5	930	S3(10N)S4
S6	112694	S1(3N)S2
S7	436	S3(5N)S6
S8	188112	IC=(E02D-027? OR E04B-001? OR E04C-005? OR B32B-005?)
S9	71	S7 AND S8
S10	2852	(FIBRE OR FIBER)()COMPOSITE? ?
S11	2	S9 AND S10
S12	9	S4(10N)S10
S13	19	S4(S)S10
S14	19	IDPAT (sorted in duplicate/non-duplicate order)
S15	18	IDPAT (primary/non-duplicate records only)

15/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014633285 **Image available**
WPI Acc No: 2002-453989/200248
XRPX Acc No: N02-358064

Construction system for use in *building* has number of *anchoring*
devices consisting of *fiber* *composite* material and each having
portions respectively attached to structural member and base member

Patent Assignee: GERGELY J (GERG-I); YOUNG D T (YOUN-I)

Inventor: GERGELY J; YOUNG D T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020056249	A1	20020516	US 2000244301	P	20001031	200248 B
			US 2001916004	A	20010726	

Priority Applications (No Type Date): US 2000244301 P 20001031; US
2001916004 A 20010726

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020056249	A1	12	E04B-001/38	Provisional application	US 2000244301

Construction system for use in *building* has number of *anchoring*
devices consisting of *fiber* *composite* material and each having
portions respectively attached to structural member and base member

Abstract (Basic):

... The *construction* system includes number of *anchoring* devices
(22) consisting of a *fiber* *composite* material. Each anchoring
device is provided with a first portion (24) attached to the structural
...

15/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013904511 **Image available**
WPI Acc No: 2001-388724/200141
Related WPI Acc No: 2000-071749
XRPX Acc No: N01-285808

Externally *reinforced* cementitious *wall* for *construction* of
building, has overlay layer of *fiber* *composite* material provided
overlying wall surface and one leg of base connector above floor
structure

Patent Assignee: UNIV CALIFORNIA (REGC)

Inventor: HEGEMIER G A; SEIBLE F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6237292	B1	20010529	US 96667916	A	19960620	200141 B
			US 99395485	A	19990914	

Priority Applications (No Type Date): US 96667916 A 19960620; US 99395485 A
19990914

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6237292	B1	14	E04H-009/02	Cont of application	US 96667916
				Cont of patent	US 6003276

Externally *reinforced* cementitious *wall* for *construction* of
building, has overlay layer of *fiber* *composite* material provided
overlying wall surface and one leg of base connector above floor

structure.

15/3,K/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007397517

WPI Acc No: 1988-031452/198805

XRAM Acc No: C88-014010

**Self-curing epoxy cpd. for heat resistant structural materials - obtd. by
condensn. of epoxy- benzaldehyde and amino-benzoic acid deriv.**

Patent Assignee: AGENCY OF IND SCI & TECHNOLOGY (AGEN)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 62289572	A	19871216	JP 86131105	A	19860607	198805 B
JP 92059314	B	19920921	JP 86131105	A	19860607	199242

Priority Applications (No Type Date): JP 86131105 A 19860607

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 62289572	A		6		
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JP 92059314	B		6	C07D-303/22	Based on patent JP 62289572
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...Abstract (Basic): USE/ADVANTAGE - Self-curing epoxy cpds. with
mouldability and can *stability*, are useful for *structural* materials
with heat resistance, matrix resins for carbon *fibre* *composite*
materials, adhesives, sealers, resins for powder coatings, etc. The
cpds. are crystalline at ordinary temp...

15/3,K/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

003699263

WPI Acc No: 1983-59246K/198325

XRAM Acc No: C83-057477

**Curable resin binder compsn. for fibre reinforced composites - comprising
amino polyvinyl polyester resin made by reacting polyepoxy resin-amino
alcohol adduct with unsatd. monomer**

Patent Assignee: FORD MOTOR CO LTD (FORD)

Inventor: CHEUNG M F; GARRETT D L; VANOENE H

Number of Countries: 006 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 81344	A	19830615	EP 82306430	A	19821203	198325 B
AU 8291318	A	19830616				198331
US 4448941	A	19840515	US 81328278	A	19811207	198422
CA 1197944	A	19851210				198603
EP 81344	B	19870722				198729
DE 3276813	G	19870827				198735

Priority Applications (No Type Date): US 81328278 A 19811207

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 81344	A	E	33		
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Designated States (Regional): DE FR GB

EP 81344	B	E			
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Designated States (Regional): DE FR GB

...Abstract (Basic): properties, fast gelling and rapid cure and are esp.
useful in the prodn. of resin-*fibre* *composites* which have high
strength and are light in wt., have good physical properties and good

corrosion resistance. The resin *fibre* *composites* are esp. useful in the prodn. of parts for automobile *construction*, e.g. body *support* members and leaf springs. Typically, a leaf spring made using the *fibre* *composites* has at least 25% greater interlaminar shear strength and more than 2 times greater impact...

15/AZ, TI/1 (Item 1 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

015356474
Box pad for mounting electrical equipment e.g. transformer, has inclined corrugated wall made of thermoplastic and glass fiber composite, and extending between base and support

15/AZ, TI/2 (Item 2 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

014667945
Structural reinforcing layer for use in composite materials for carrying load, comprises wire layer arranged in twisted wire geometry which is mechanically interlocked into structural matrix material

15/AZ, TI/3 (Item 3 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

014633285
Construction system for use in *building* has number of *anchoring* devices consisting of *fiber* *composite* material and each having portions respectively attached to structural member and base member

15/AZ, TI/4 (Item 4 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

013904511
Externally *reinforced* cementitious *wall* for *construction* of *building*, has overlay layer of *fiber* *composite* material provided overlying wall surface and one leg of base connector above floor structure

15/AZ, TI/5 (Item 5 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

012656500
Tension fixing method of *fiber* *composite* wire material used in *construction* of ground *anchor* on normal soil surface, concrete structure - involves straining *fiber* *composite* wire type material whose heel is attached to metallic sleeve, by tightening nut which is installed in metallic sleeve

15/AZ, TI/6 (Item 6 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

012561742
Fiber composite gutter for building - with a thermoplastic resin core coated with resin layer and forms resin rich portion near aperture of clamped edge

15/AZ, TI/7 (Item 7 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

009736640
Resol melamine dispersion useful as binder - provides fibre composites with low formaldehyde evolution and good high temp. performance properties

15/AZ, TI/8 (Item 8 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

008519182

Shear-resistant railway bogie - comprises end stringers coupled between wheel sets by front and rear crossbeams and interposed frame stiffener plate

15/AZ, TI/9 (Item 9 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

008299868

Coupling clamp for leaf spring to car axle etc. - is of positive type with constant pressures, imparted to spring by rubber-metal element

15/AZ, TI/10 (Item 10 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

007873858

Prestressing element of compound fibre material - has sleeve of thin-wall, corrugated tube, gripped by clamp at load-bearing length

15/AZ, TI/11 (Item 11 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

007397517

Self-curing epoxy cpd. for heat resistant structural materials - obtd. by condensn. of epoxy- benzaldehyde and amino-benzoic acid deriv.

15/AZ, TI/12 (Item 12 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

004646127

Fibre *composite* turbine blade - has fibres of composite material bonded spanwise along aerofoil blank and *anchored* to *footing*

15/AZ, TI/13 (Item 13 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

003699263

Curable resin binder compsn. for fibre reinforced composites - comprising amino polyvinyl polyester resin made by reacting polyepoxy resin-amino alcohol adduct with unsatd. monomer

15/AZ, TI/14 (Item 14 from file: 350)
DIALOG(R) File 350:(c) 2003 Thomson Derwent. All rts. reserv.

003321238

Reinforced composite panel structure e.g. for aircraft - comprises pair of fibre-composite multi-ply panels adhesively bonded and reinforced by stitching

15/AZ, TI/15 (Item 15 from file: 347)
DIALOG(R) File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

06734043

CONTINUOUS-*FIBER* *COMPOSITE* *REINFORCED*-EARTH *CONSTRUCTION* METHOD

15/AZ, TI/16 (Item 16 from file: 347)
DIALOG(R) File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

06406856
PNEUMATIC SAFE TIRE

15/AZ, TI/17 (Item 17 from file: 347)
DIALOG(R) File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

06217514
FIBER COMPOSITE RAINGUTTER

15/AZ, TI/18 (Item 18 from file: 347)
DIALOG(R) File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

05284891
HEAT TREATING TRESTLE

?show .files;ds

File 179:Architecture DB 1987-2003/Aug
(c) 2003 Royal Inst. of Brit. Architects
File 35:Dissertation Abs Online 1861-2003/Sep
(c) 2003 ProQuest Info&Learning
File 65:Inside Conferences 1993-2003/Nov W1
(c) 2003 BLDSC all rts. reserv.
File 8:EI Compendex(R) 1970-2003/Oct W4
(c) 2003 Elsevier Eng. Info. Inc.
File 118:ICONDA-Intl Construction 1976-2003/Oct
(c) 2003 Fraunhofer-IRB
File 94:JICST-EPlus 1985-2003/Nov W1
(c)2003 Japan Science and Tech Corp(JST)
File 6:NTIS 1964-2003/Nov W1
(c) 2003 NTIS, Intl Cpyrghrt All Rights Res
File 144:Pascal 1973-2003/Oct W4
(c) 2003 INIST/CNRS
File 323:RAPRA Rubber & Plastics 1972-2003/Nov
(c) 2003 RAPRA Technology Ltd
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Oct W4
(c) 2003 Inst for Sci Info
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Sep
(c) 2003 The HW Wilson Co.
File 399:CA SEARCH(R) 1967-2003/UD=13919
(c) 2003 American Chemical Society
File 111:TGG Natl.Newspaper Index(SM) 1979-2003/Oct 30
(c) 2003 The Gale Group

Set	Items	Description
S1	4569495	WALL? ? OR STRUCTURAL OR BASE()MEMBER? ? OR FOOTING? ? OR - FOUNDATION? ? OR ROOF? ? OR ROOVES OR SLAB OR SLABS OR BUILDING OR CONSTRUCTION OR ARCHITECTURAL OR FLOOR? ? OR UPRIGHT? ?
S2	4024962	ANCHOR??? OR STRENGTHEN??? OR REINFORC??? OR MOOR??? OR BR- ACE? ? OR BRACING OR SUPPORT??? OR STABILI???
S3	375239	(FIBER? ? OR FIBRE? ?)(3N)(COMPOSITE? ? OR POLYMER? ? OR G- LASS OR EPOXY OR CERAMIC? ? OR POLYMER? ? OR AMALGAM) OR FIB?- ?GLASS
S4	162260	S1(5N)S2
S5	7607	S3(10N)S4
S6	43286	(FIBER OR FIBRE)()COMPOSITE? ?
S7	132179	S1(3N)S2
S8	65	S6(5N)S7
S9	5966	S1(3N)ANCHOR???
S10	2	S6(5N)S9
S11	2	S6(10N)S9
S12	30	S3(10N)S9
S13	26	S12 NOT PY>2000
S14	26	S13 NOT PD=20001101:20031231
S15	25	RD (unique items)

15/3,K/1 (Item 1 from file: 65)
DIALOG(R)File 65:Inside Conferences
(c) 2003 BLDSC all rts. reserv. All rts. reserv.

00897125 INSIDE CONFERENCE ITEM ID: CN008744488

***Glass* *Fibre* Rod for Concrete Structures and Grouted *Anchors*:
Characteristics and Experimental *Structural* Performance**

Benmokrane, B.; Masmoudi, R.; Chaallal, O.

CONFERENCE: CANCOM '93-2nd Canadian international composites conference
CANCOM -CONFERENCE, 1993; 2nd P: 215-224

Montreal, Canadian Association for Composite Structures and Materials,
1993

ISBN: 096967970X

LANGUAGE: English DOCUMENT TYPE: Conference Selected preprints

CONFERENCE EDITOR(S): Wallace, W.; Gauvin, R.; Hoa, S. V.

CONFERENCE SPONSOR: Canadian Association for Composite Structures and
Materials

CONFERENCE LOCATION: Ottawa 1993 (199300) (199300)

NOTE:

Theme title: Innovative methods for low cost manufacture and
maintenance of composite products and equipment

***Glass* *Fibre* Rod for Concrete Structures and Grouted *Anchors*:
Characteristics and Experimental *Structural* Performance**

15/3,K/7 (Item 4 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0456057 ICONDA Accession Number: 1998(04):1500731 ICONDA

**Effect of Fiberglass Reinforcement on the Behavior of Bolted Wood
Connections**

A. Soltis Lawrence; J. Ross Robert; F. Windorski Daniel

Wood Design Focus

p.19, ill. Chart, Photo Suppl. Bibl

PUBLISHER: Cunningham Group, Minneapolis, MN 55414, US, Fal 1997

COUNTRY OF PUBLICATION: United States

PUBLICATION DATE: 19971001

LANGUAGE: English

DESCRIPTORS: timber; wood; connection; fibrous material; wood framing;
wood *anchors* and fasteners; *structural* connection; *glass* *fiber*

15/3,K/12 (Item 9 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0105082 ICONDA Accession Number: 1986(11):1000413 ICONDA

**Ein neuer Werkstoff fuer Spannbeton. HLV-Hochleistungs-Verbundstab aus
Glasfasern**

New prestressed concrete technology

Waaser Erich (Author); Wolff Reinhard (Author)

Beton

v.36, no.7 p.245-250, figs., tabs., refs

COUNTRY OF PUBLICATION: Germany

ISSN: 0005-9846 PUBLICATION DATE: 19860000

LANGUAGE: German SUMMARY LANGUAGE: German; English; French

DESCRIPTORS: bridge construction; slab bridge; concrete construction;
roadbridge; prestressed concrete bridge; prestressing; tendon; new
development; research; *glass* *fibre*; fibrous *composite* material;
structural design; *anchoring*; execution of *construction*; Duesseldorf;
North Rhine Westphalia; DE

15/3,K/13 (Item 10 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0014942 ICONDA Accession Number: 1986(07):1013409 ICONDA

Anker und Beschichtungen aus GFK

Anchor and coating of glass-fibre reinforced plastic

Brandstetter F (Author); Rotter E (Author)
Schweizer Baublatt
v.88, no.100 p.23-30, figs., tabs
COUNTRY OF PUBLICATION: Switzerland
ISSN: 0036-7303 PUBLICATION DATE: 19770000
LANGUAGE: German

DESCRIPTORS: construction material; plastic; *foundation* engineering;
rock *anchor*; ground *anchor*; tunnel *construction*; application;
compromise; steel; concrete; *glass*-*fibre* reinforced plastic (GRP);
plastic coating

15/3,K/17 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

11032562 PASCAL No.: 93-0542069

**Physical and mechanical performance of an innovative
glass-fiber-reinforced plastic rod for concrete and grouted anchorages**

CHAALLAL O; BENMOKRANE B
Univ. Sherbrooke, fac. applied sci., dep. civil eng., Sherbrooke PQ J1K
2R1, Canada

Journal: Canadian journal of civil engineering, 1993, 20 (2) 254-268
Language: English Summary Language: French

English Descriptors: Mechanical properties; Physical properties; *Glass*
fiber; Reinforced plastics; Reinforced concrete; Corrosion; Insulation;
Test programme; *Construction* materials; *Anchoring*; Grouting

15/3,K/19 (Item 3 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

05998114 PASCAL No.: 85-0259620

**Anchor systems for glass reinforced cement cladding
(Systemes d'ancrage des parements en ciment arme de fibres de verre)**

HARRISON P J
Journal: Concr. int.: des. constr., 1985, 7 (3) 51-53
Language: English

English Descriptors: Cladding *slab*; *Anchoring*; *Anchor*; Front *wall*;
Concrete element; *Fiber* reinforced concrete; *Glass* *fiber*

15/3,K/20 (Item 1 from file: 323)
DIALOG(R)File 323:RAPRA Rubber & Plastics
(c) 2003 RAPRA Technology Ltd. All rts. reserv.

00583357

**TITLE: EVALUATION OF FRP TENDON-ANCHOR SYSTEMS FOR PRESTRESSED CONCRETE
STRUCTURES**

AUTHOR(S): Nanni A; Bakis C E; Dixon T O
CORPORATE SOURCE: Pennsylvania, State University; Progressive Structures
CONFERENCE PROCEEDINGS: SPI Composites Institute 50th Annual Conference.

Conference Proceedings
CORPORATE EDITOR: SPI, Composites Institute
SOURCE: Cincinnati, Oh., 30th Jan-1st Feb.1995, paper 21A. 627
JOURNAL ANNOUNCEMENT: 199605 RAPRA UPDATE: 199609
DOCUMENT TYPE: Conference Papers
LANGUAGE: English
SUBFILE: (R) RAPRA

DESCRIPTORS: *ANCHOR*; ARAMID FIBRE; *BUILDING* APPLICATION; CARBON *FIBRE*
-REINFORCED PLASTIC; COMPANY; *COMPOSITE*; DATA; ELASTIC MODULUS;
GLASS *FIBRE*-REINFORCED PLASTIC; GRAPH; INSTITUTION; MECHANICAL
PROPERTIES; PLASTIC; PRE-STRESS; REINFORCED CONCRETE; REINFORCED
PLASTIC; STRAIN; STRENGTH...

15/3,K/21 (Item 2 from file: 323)
DIALOG(R)File 323:RAPRA Rubber & Plastics
(c) 2003 RAPRA Technology Ltd. All rts. reserv.

00383144
TITLE: HIGH-PERFORMANCE GLASS-REINFORCED COMPOSITE RODS IN CONCRETE
SOURCE: Plastics in Building Construction; 12, No.8, 1988, p.10-1
ISSN: 0147-2429
JOURNAL ANNOUNCEMENT: 198911 RAPRA UPDATE: 198922
DOCUMENT TYPE: Journal Article
LANGUAGE: English
SUBFILE: (R) RAPRA

DESCRIPTORS: *ANCHORAGE*; BRIDGE; *BUILDING* APPLICATION; *BUILDING*
APPLICATIONS; COMPANY; COMPANIES; *COMPOSITE*; CONCRETE; GRP; *GLASS*
FIBRE-REINFORCED PLASTIC; HISTORY; MATERIALS REPLACEMENT; MATERIAL
REPLACEMENT; PLASTIC; REBAR; REINFORCED PLASTIC; REVIEW; ROD; TECHNICAL
; THERMOSET...

15/3,K/23 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

130067306 CA: 130(6)67306a JOURNAL
Ground and rock anchors consisting of glass fiber-reinforced plastics
AUTHOR(S): Noisternig, Johannes Fritz; Jungwirt, Dieter
LOCATION: DYWIDAG-Systems International G.m.b.H., Munich, Germany,
D-81902
JOURNAL: Berg- Huettenmaenn. Monatsh. DATE: 1998 VOLUME: 143 NUMBER:
12 PAGES: 444-448 CODEN: BHMMAM ISSN: 0005-8912 LANGUAGE: German
PUBLISHER: Springer-Verlag Wien

15/AA,AN,TI/1 (Item 1 from file: 65)
DIALOG(R)File 65:(c) 2003 BLDSC all rts. reserv. All rts. reserv.

00897125 INSIDE CONFERENCE ITEM ID: CN008744488
Glass *Fibre* Rod for Concrete Structures and Grouted *Anchors*:
Characteristics and Experimental *Structural* Performance
CONFERENCE: CANCOM '93

15/AA,AN,TI/2 (Item 1 from file: 8)
DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

04814487
E.I. No: EIP97093816320
Title: Proceedings of the 1997 Annual Conference of the Canadian Society
for Civil Engineering. Part 6 (of 7)

15/AA,AN,TI/3 (Item 2 from file: 8)
DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

04053546
E.I. No: EIP95012539553
Title: Rehabilitation of brick-lined railroad tunnels to achieve
increased clearance

15/AA,AN,TI/4 (Item 1 from file: 118)
DIALOG(R)File 118:(c) 2003 Fraunhofer-IRB. All rts. reserv.

0510536 ICONDA Accession Number: 2000(07):1000170 ICONDA
Experimentelles Bauen mit Glas an der RWTH Aachen. Lehrstuhl fuer
Baukonstruktion (Tragwerkslehre)
Experimental construction using glass at the RWTH Aachen. Chair for
structural design (structural theory)

15/AA,AN,TI/5 (Item 2 from file: 118)
DIALOG(R)File 118:(c) 2003 Fraunhofer-IRB. All rts. reserv.

0501119 ICONDA Accession Number: 2000(01):1300251 ICONDA
GRC stud frame cladding : the lightweight solution

15/AA,AN,TI/6 (Item 3 from file: 118)
DIALOG(R)File 118:(c) 2003 Fraunhofer-IRB. All rts. reserv.

0501054 ICONDA Accession Number: 2000(01):1300150 ICONDA
Renovation sur dalles vinyle-amiante en place
Renovation on vinyl-asbestos slabs in situ

15/AA,AN,TI/7 (Item 4 from file: 118)
DIALOG(R)File 118:(c) 2003 Fraunhofer-IRB. All rts. reserv.

0456057 ICONDA Accession Number: 1998(04):1500731 ICONDA
Effect of Fiberglass Reinforcement on the Behavior of Bolted Wood
Connections

15/AA,AN,TI/8 (Item 5 from file: 118)
DIALOG(R)File 118:(c) 2003 Fraunhofer-IRB. All rts. reserv.

0352445 ICONDA Accession Number: 1993(01):1700066 ICONDA
Kompozitna pramena za prednapenjanje betonskih konstrukcij

A composite bars for prestressing of concrete structures

15/AA,AN,TI/9 (Item 6 from file: 118)
DIALOG(R)File 118:(c) 2003 Fraunhofer-IRB. All rts. reserv.

0253133 ICONDA Accession Number: 1990(07):1000028 ICONDA
Faserverbundmaterial - ein neuer Werkstoff als Spannbewehrung
Fibre-based composite - a novel material for prestressing bars

15/AA,AN,TI/10 (Item 7 from file: 118)
DIALOG(R)File 118:(c) 2003 Fraunhofer-IRB. All rts. reserv.

0247633 ICONDA Accession Number: 1986(09):1009257 ICONDA
Untersuchungen zur Frage der Krafteinleitung in kunstharzgebundene
Glasfaserstaebe
Investigations on the question of force application in syntheticresin-
bound glass fibre bars

15/AA,AN,TI/11 (Item 8 from file: 118)
DIALOG(R)File 118:(c) 2003 Fraunhofer-IRB. All rts. reserv.

0235681 ICONDA Accession Number: 1989(05):1300017 ICONDA
Maisons en panneaux de particules porteurs isoles exterieurement
Wood chip board houses load bearing structure with outside insulation

15/AA,AN,TI/12 (Item 9 from file: 118)
DIALOG(R)File 118:(c) 2003 Fraunhofer-IRB. All rts. reserv.

0105082 ICONDA Accession Number: 1986(11):1000413 ICONDA
Ein neuer Werkstoff fuer Spannbeton. HLV-Hochleistungs-Verbundstab aus
Glasfasern
New prestressed concrete technology

15/AA,AN,TI/13 (Item 10 from file: 118)
DIALOG(R)File 118:(c) 2003 Fraunhofer-IRB. All rts. reserv.

0014942 ICONDA Accession Number: 1986(07):1013409 ICONDA
Anker und Beschichtungen aus GFK
Anchor and coating of glass-fibre reinforced plastic

15/AA,AN,TI/14 (Item 1 from file: 6)
DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts.
reserv.

NTIS Accession Number: AD-A257 641/1
Military Engineer, Volume 84, Number 551, August 1992

15/AA,AN,TI/15 (Item 2 from file: 6)
DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts.
reserv.

NTIS Accession Number: PB90-125097
Application of Fiber Reinforced Plastic Rods as Prestressing Tendons in
Concrete Structures
(Final rept)

15/AA,AN,TI/16 (Item 3 from file: 6)

DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

NTIS Accession Number: AD-D011 677/2

Expedient Runway Surfacing with Post Tensioning System for Expeditionary Airfields
(Patent Application)

15/AA,AN,TI/17 (Item 1 from file: 144)
DIALOG(R)File 144:(c) 2003 INIST/CNRS. All rts. reserv.

11032562 PASCAL No.: 93-0542069
Physical and mechanical performance of an innovative glass-fiber-reinforced plastic rod for concrete and grouted anchorages

15/AA,AN,TI/18 (Item 2 from file: 144)
DIALOG(R)File 144:(c) 2003 INIST/CNRS. All rts. reserv.

10126119 PASCAL No.: 92-0331872
Cables a base de fibres pour la precontrainte
(Fiber-based prestressing cables)

15/AA,AN,TI/19 (Item 3 from file: 144)
DIALOG(R)File 144:(c) 2003 INIST/CNRS. All rts. reserv.

05998114 PASCAL No.: 85-0259620
Anchor systems for glass reinforced cement cladding
(Systemes d'ancrage des parements en ciment arme de fibres de verre)

15/AA,AN,TI/20 (Item 1 from file: 323)
DIALOG(R)File 323:(c) 2003 RAPRA Technology Ltd. All rts. reserv.

00583357
TITLE: EVALUATION OF FRP TENDON-ANCHOR SYSTEMS FOR PRESTRESSED CONCRETE STRUCTURES

15/AA,AN,TI/21 (Item 2 from file: 323)
DIALOG(R)File 323:(c) 2003 RAPRA Technology Ltd. All rts. reserv.

00383144
TITLE: HIGH-PERFORMANCE GLASS-REINFORCED COMPOSITE RODS IN CONCRETE

15/AA,AN,TI/22 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

08588762
Title: Carbon fibre composites as stay cables for bridges

15/AA,AN,TI/23 (Item 1 from file: 399)
DIALOG(R)File 399:(c) 2003 American Chemical Society. All rts. reserv.

Ground and rock anchors consisting of glass fiber-reinforced plastics

15/AA,AN,TI/24 (Item 2 from file: 399)
DIALOG(R)File 399:(c) 2003 American Chemical Society. All rts. reserv.

Protective refractory mixture

APPLICATION: RO 116562 (841207)

15/AA,AN,TI/25 (Item 3 from file: 399)
DIALOG(R) File 399: (c) 2003 American Chemical Society. All rts. reserv.

Large-size ceramic plates provided with mounting anchors

APPLICATION: EP 86111135 (860812) *DE 3529235 (850814) *DE 3543088
(851205) *DE 3544473 (851216) *DE 3607407 (860306)

?show files;ds

File 9:Business & Industry(R) Jul/1994-2003/Nov 03
(c) 2003 Resp. DB Svcs.
File 990:NewsRoom Current 2003/Nov 04
(c) 2003 The Dialog Corp.
File 47:Gale Group Magazine DB(TM) 1959-2003/Nov 03
(c) 2003 The Gale group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Nov 04
(c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Nov 03
(c) 2003 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Nov 04
(c)2003 The Gale Group
File 624:McGraw-Hill Publications 1985-2003/Nov 04
(c) 2003 McGraw-Hill Co. Inc
File 369:New Scientist 1994-2003/Oct W4
(c) 2003 Reed Business Information Ltd.
File 483:Newspaper Abs Daily 1986-2003/Nov 03
(c) 2003 ProQuest Info&Learning
File 484:Periodical Abs Plustext 1986-2003/Oct W3
(c) 2003 ProQuest
File 141:Readers Guide 1983-2003/Sep
(c) 2003 The HW Wilson Co
File 646:Consumer Reports 1982-2003/Oct
(c) 2003 Consumer Union
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 95:TEME-Technology & Management 1989-2003/Oct W3
(c) 2003 FIZ TECHNIK

Set	Items	Description
S1	6148301	WALL? ? OR STRUCTURAL OR BASE()MEMBER? ? OR FOOTING? ? OR - FOUNDATION? ? OR ROOF? ? OR ROOVES OR SLAB OR SLABS OR BUILDING OR CONSTRUCTION OR ARCHITECTURAL OR FLOOR? ? OR UPRIGHT? ?
S2	6760527	ANCHOR??? OR STRENGTHEN??? OR REINFORC??? OR MOOR??? OR BR- ACE? ? OR BRACING OR SUPPORT??? OR STABILI???
S3	95418	(FIBER? ? OR FIBRE? ?)(3N)(COMPOSITE? ? OR POLYMER? ? OR G- LASS OR EPOXY OR CERAMIC? ? OR POLYMER? ? OR AMALGAM) OR FIB?- ?GLASS
S4	164484	S1(5N)S2
S5	1194	S3(10N)S4
S6	7007	S1(5N)ANCHOR???
S7	16737	(FIBER OR FIBRE) (3N)COMPOSITE? ?
S8	2	S6(10N)S7
S9	23	S6(10N)S3
S10	240	S4(10N)S7
S11	2	S9 AND S10
S12	2	S8 OR S11
S13	8	S9 NOT PY>2000
S14	8	S13 NOT PD=20001101:20031231
S15	8	RD (unique items)

15/3,K/3 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03137565 Supplier Number: 46422709 (USE FORMAT 7 FOR FULLTEXT)
**HITEC, FHWA, AASHTO PARTNERING TO EXPEDITE EVALUATION OF EARTH RETAINING
SYSTEMS Opportunity Available for Fiber Composites Systems and Grids to
Gain Evaluation**
Composites News: Infrastructure, n46, pN/A
May 31, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 420

... and lagging wall; slurry (diaphragm) wall; tangent pile/Secant pile
wall; soil-nailed wall; minipile *wall*; soil mix *wall*, and *anchored*
walls (all of these systems use externally stabilized systems).
Fiber *composite* systems and components are welcome additions. One
probable contender will be composite soil nails of...

15/3,K/4 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01665661 Supplier Number: 42639967 (USE FORMAT 7 FOR FULLTEXT)
**2nd Japan International SAMPE Symposium and Expo (JISSE-2) - Kajima Corp.
features civil engineering applications for advanced composites.**
Composites Industry Monthly, n28, pN/A
Jan, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 319

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...to use such new materials as CFRP and aramid fiber reinforced plastics
(AFRP). The main *slab* cables and ground *anchor* tendons used advanced
fiber *composites* in order to raise the durability and quality of the
so-called "Birdie Bridge" into...

15/3,K/6 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

01891108 SUPPLIER NUMBER: 03035024 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Building supplies & home improvement products.
Chilton's Hardware Age, v220, p103(8)
Dec, 1983
ISSN: 8755-254X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 9071 LINE COUNT: 00865

... Silver-Top Mfg Co Inc
CANOPIES, Door And Window, Plastic
Schott Int'l Inc
CARPORT *ROOF* SYSTEMS
Anchor-Sur
Artcraft Industries
Lasco Div Philips Inds Inc (*Fiberglass*)
Oakwood Mfg Co
CARPORTS
Artcraft Industries (Alum.)
Silver-Top Mfg Co Inc (Aluminum)
CEILING GRID...

15/3,K/8 (Item 2 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
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0004403

Manufacturers' Literature

Engineering News-Record June 20, 1985; Pg 98; Vol. 214, No. 25
Journal Code: ENR ISSN: 0013-807X
Section Heading: Manufacturers' Literature
Word Count: 7,345 *Full text available in Formats 5, 7 and 9*

TEXT:

... steel strand is coated with chemicals and polymers to form a tendon compatible with conventional *anchorage* systems. PIC INCORPORATED.263

Curtain *wall* panels/Brochure illustrates *glass* *fiber* reinforced concrete panels designed to meet all codes for low- and high- rise buildings. The...

15/AA,AN,TI/1 (Item 1 from file: 47)
DIALOG(R)File 47:(c) 2003 The Gale group. All rts. reserv.

04485422 SUPPLIER NUMBER: 18149376
Fishing fleet. (includes directory of manufacturers) (Fishing Boats
'96) (Buyers Guide)

15/AA,AN,TI/2 (Item 1 from file: 636)
DIALOG(R)File 636:(c) 2003 The Gale Group. All rts. reserv.

04798641 Supplier Number: 65802897
Marin County Civic Center Rehabilitation Underway with FRP Composites -
Part 1 of 2.

15/AA,AN,TI/3 (Item 2 from file: 636)
DIALOG(R)File 636:(c) 2003 The Gale Group. All rts. reserv.

03137565 Supplier Number: 46422709
HITEC, FHWA, AASHTO PARTNERING TO EXPEDITE EVALUATION OF EARTH RETAINING
SYSTEMS Opportunity Available for Fiber Composites Systems and Grids to
Gain Evaluation

15/AA,AN,TI/4 (Item 3 from file: 636)
DIALOG(R)File 636:(c) 2003 The Gale Group. All rts. reserv.

01665661 Supplier Number: 42639967
2nd Japan International SAMPE Symposium and Expo (JISSE-2) - Kajima Corp.
features civil engineering applications for advanced composites.

15/AA,AN,TI/5 (Item 1 from file: 148)
DIALOG(R)File 148:(c)2003 The Gale Group. All rts. reserv.

06518618 SUPPLIER NUMBER: 13826861
Fiberglass: the next generation. (In Search of the Perfect Door)

15/AA,AN,TI/6 (Item 2 from file: 148)
DIALOG(R)File 148:(c)2003 The Gale Group. All rts. reserv.

01891108 SUPPLIER NUMBER: 03035024
Building supplies & home improvement products.

15/AA,AN,TI/7 (Item 1 from file: 624)
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0113144
Center steered back on course: Novel architecture of San Diego convention
center has been tough to build

15/AA,AN,TI/8 (Item 2 from file: 624)
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